



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : HYPLON CODE: HN 65140

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.40	1.40
HARDNESS	ASTM D2240	65 ± 5 Sh A	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1425 PSI	100 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	350%	350%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	40%	40%
TEAR RESISTANCE (Angular) min	ASTM D624	140 Lbs/Inch	25 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573		
--- HARDNESS (Pts)		+ 3 (Max)	+ 3 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 10	+ 10 / - 10
--- ELONGATION AT BREAK (%)		+ 10 / - 10	+ 10 / - 10
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471		
ASTM OIL NO.1		+ 10%	+ 10%
ASTM OIL NO.2		+ 18%	+ 18%
ASTM OIL NO.3		+ 25%	+ 25%
POLYMER CONTENT (HYPALON)			
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	EXCELLENT	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT	EXCELLENT
--- CONCENTRATED ACIDS AND BASES		GOOD	GOOD
--- OILS		GOOD	GOOD
--- SOLVENTS		FAIR	FAIR
TEMPERATURE RANGE		-35° to + 130° C	-35° to + 130° C
COLOUR		BLACK	BLACK

Products that this data relates to available in China from:

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